

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
 Data File : BF143031.D
 Acq On : 08 Jul 2025 14:02
 Operator : RC/JU
 Sample : Q2514-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-78

Quant Time: Jul 08 14:25:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

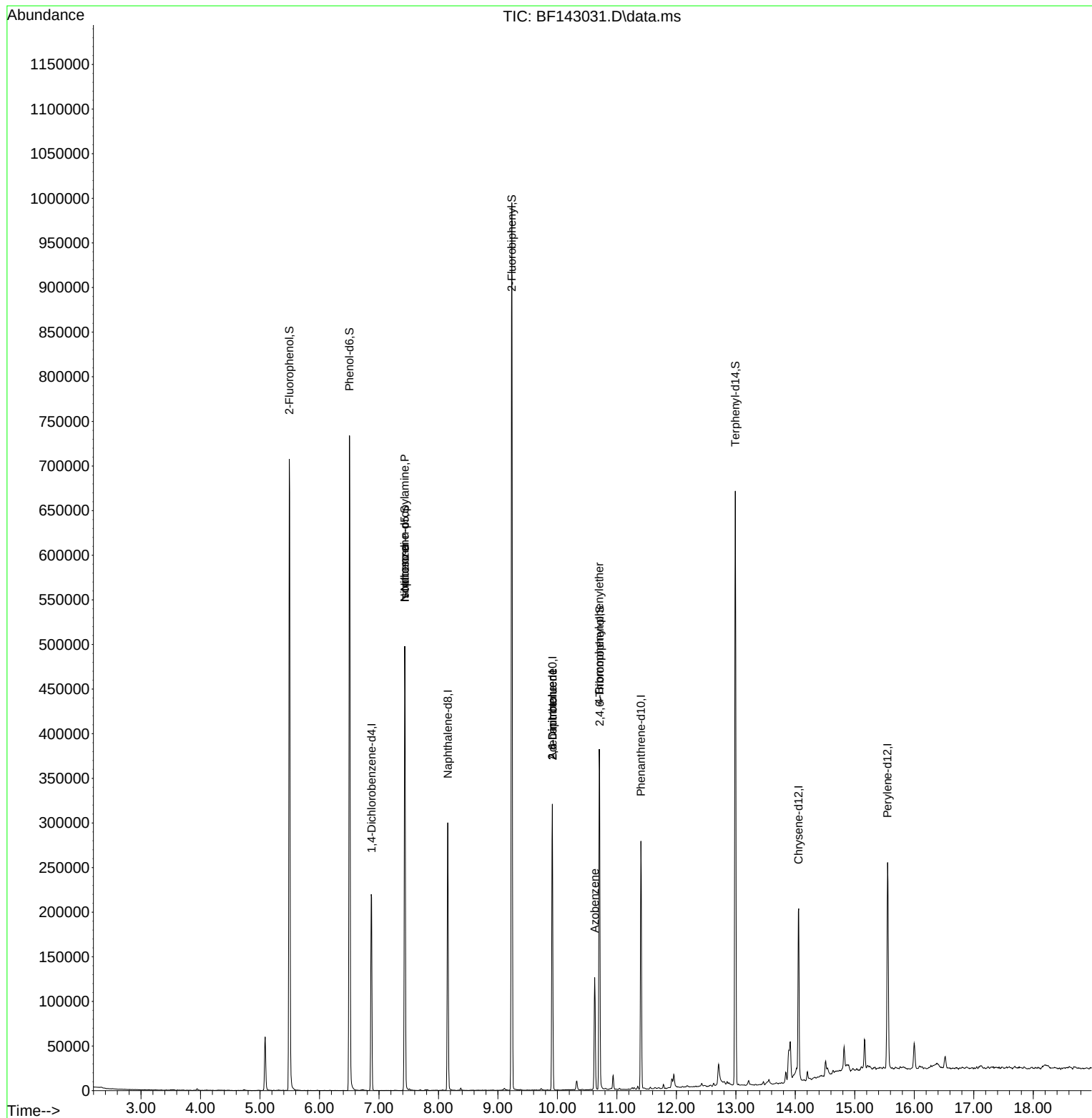
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	50576	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	192739	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	95941	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	147510	20.000	ng	0.00
76) Chrysene-d12	14.057	240	94443	20.000	ng	0.00
86) Perylene-d12	15.551	264	118368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	282467	92.986	ng	0.00
7) Phenol-d6	6.504	99	343341	95.800	ng	0.00
23) Nitrobenzene-d5	7.434	82	214248	60.972	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	66616	67.473	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	439650	60.199	ng	-0.01
79) Terphenyl-d14	12.992	244	318932	46.660	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	27596	13.239	ng	# 76
25) Isophorone	7.434	82	214246	38.008	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	12268	8.995	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	12268	6.772	ng	# 26
63) Azobenzene	10.628	77	25803	4.741	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	4130	2.460	ng	# 1

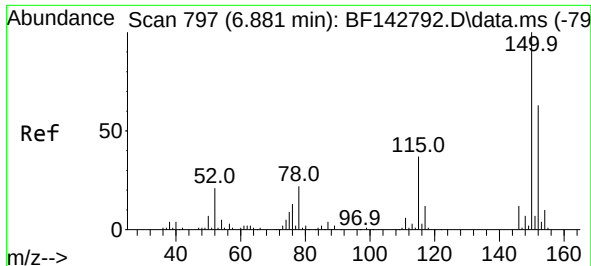
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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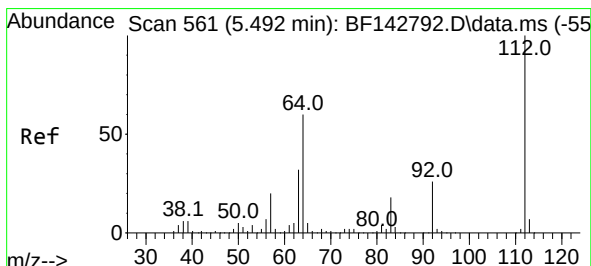
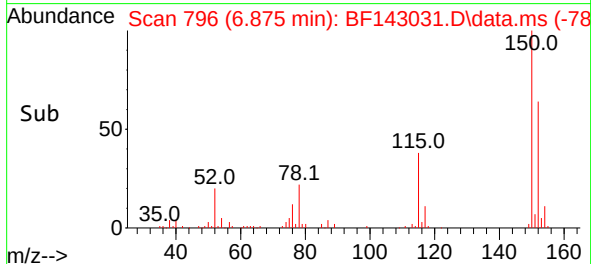
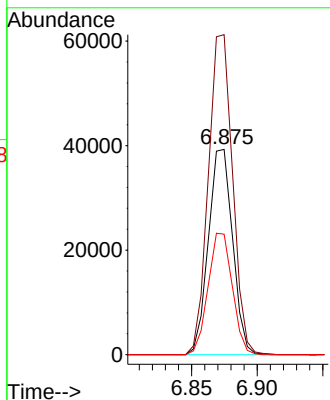
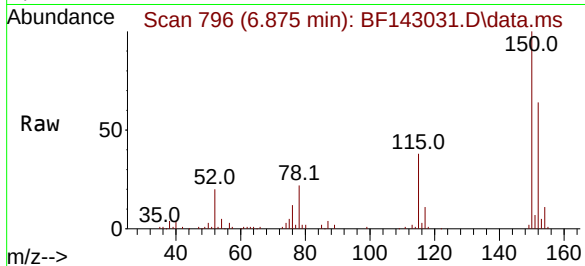




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF143031.D
Acq: 08 Jul 2025 14:02

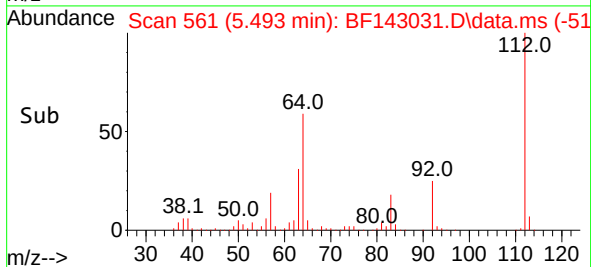
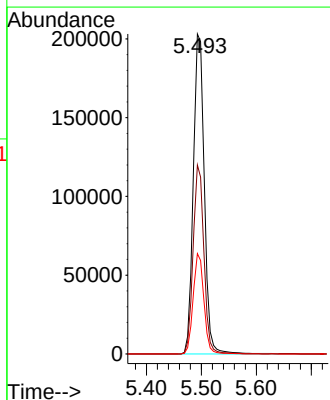
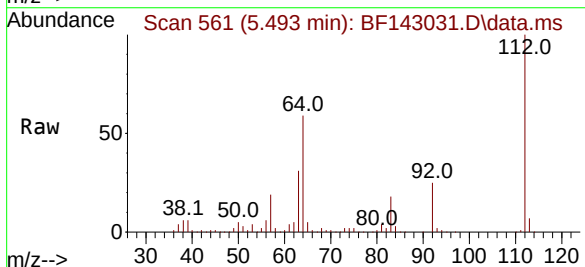
Instrument :
BNA_F
ClientSampleId :
TP-78

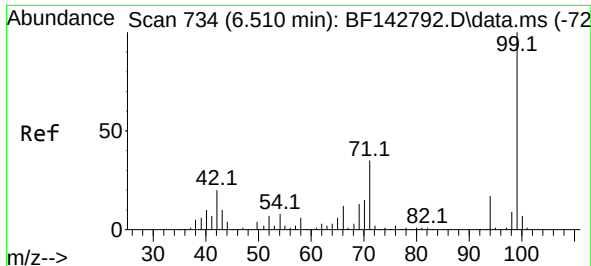
Tgt Ion:152 Resp: 50576
Ion Ratio Lower Upper
152 100
150 155.8 127.2 190.8
115 58.7 46.6 69.8



#5
2-Fluorophenol
Concen: 92.986 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF143031.D
Acq: 08 Jul 2025 14:02

Tgt Ion:112 Resp: 282467
Ion Ratio Lower Upper
112 100
64 59.1 48.2 72.2
63 31.3 25.7 38.5





#7

Phenol-d6

Concen: 95.800 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143031.D

Acq: 08 Jul 2025 14:02

Instrument :

BNA_F

ClientSampleId :

TP-78

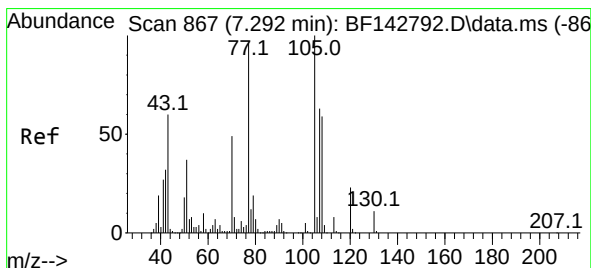
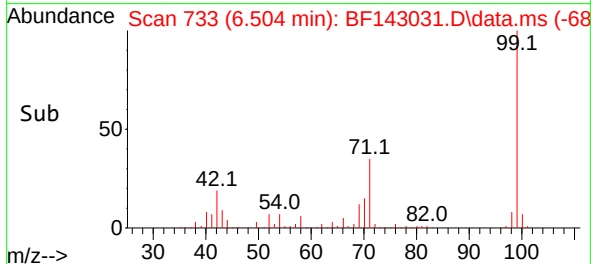
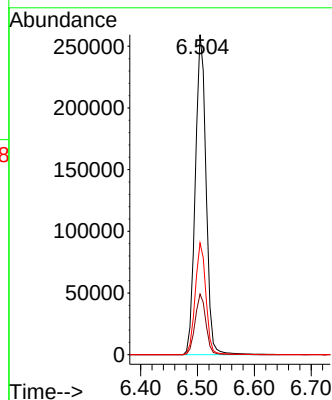
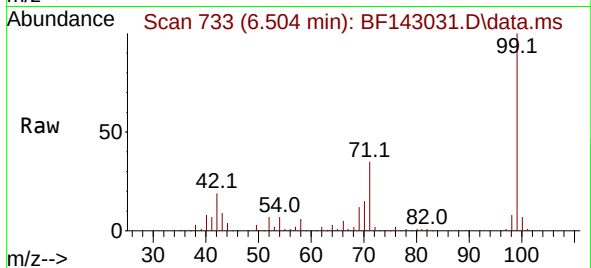
Tgt Ion: 99 Resp: 343341

Ion Ratio Lower Upper

99 100

42 19.0 15.9 23.9

71 34.9 27.8 41.8



#19

n-Nitroso-di-n-propylamine

Concen: 13.239 ng

RT: 7.434 min Scan# 891

Delta R.T. 0.141 min

Lab File: BF143031.D

Acq: 08 Jul 2025 14:02

Tgt Ion: 70 Resp: 27596

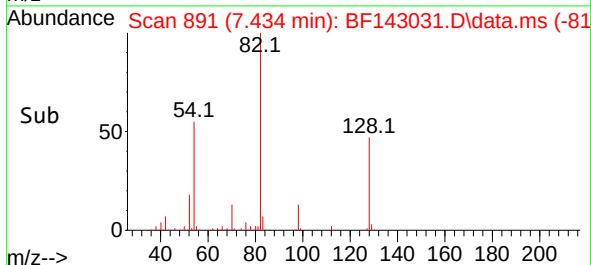
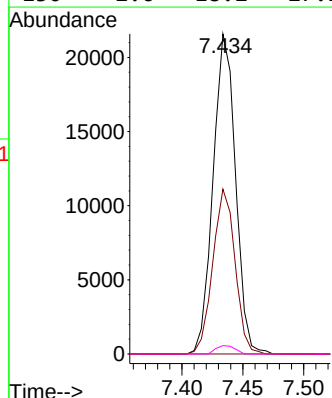
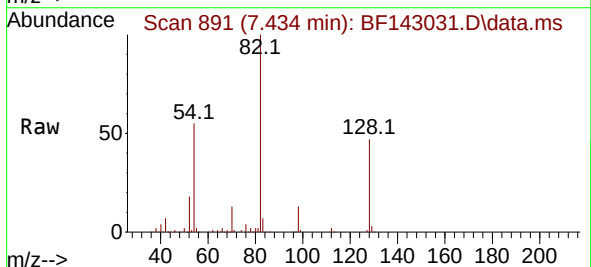
Ion Ratio Lower Upper

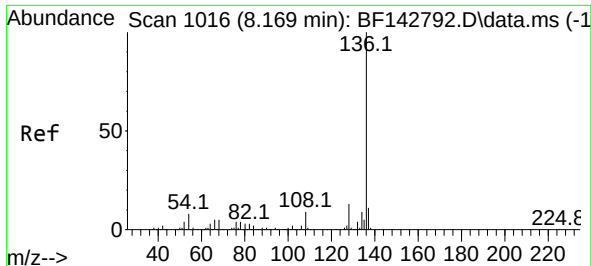
70 100

42 51.5 52.1 78.1#

101 0.0 8.2 12.2#

130 2.6 18.2 27.2#



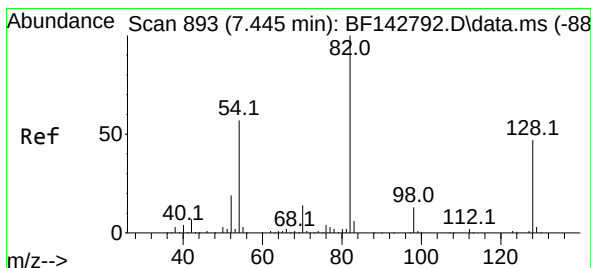
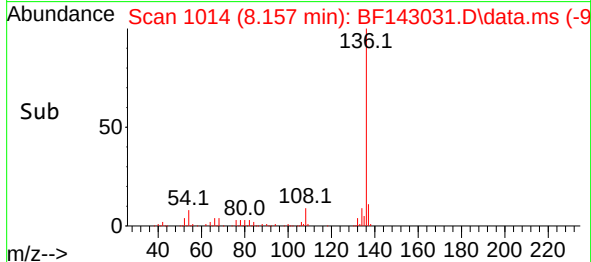
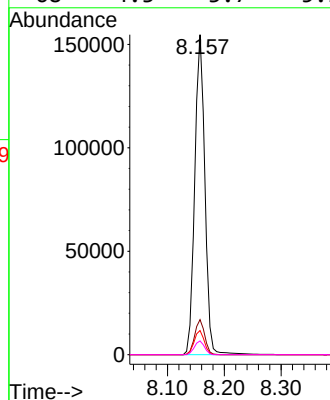
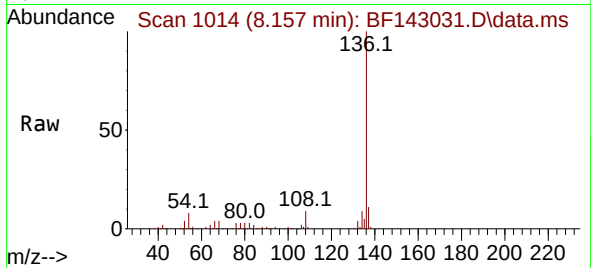


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143031.D
Acq: 08 Jul 2025 14:02

Instrument :
BNA_F
ClientSampleId :
TP-78

Tgt Ion:136 Resp: 192739

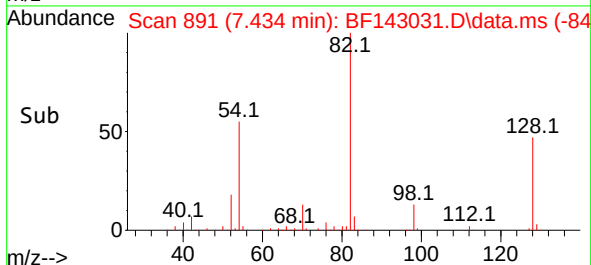
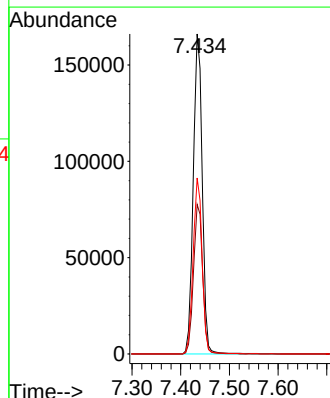
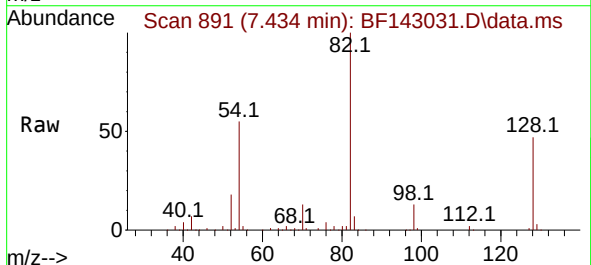
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.5	6.3	9.5
68	4.3	3.7	5.5

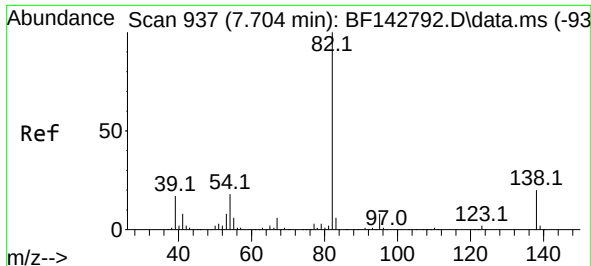


#23
Nitrobenzene-d5
Concen: 60.972 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.011 min
Lab File: BF143031.D
Acq: 08 Jul 2025 14:02

Tgt Ion: 82 Resp: 214248

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.7	56.5
54	55.0	45.7	68.5

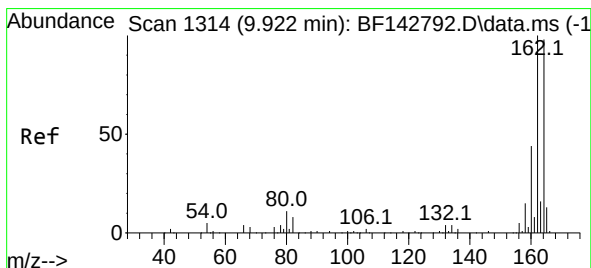
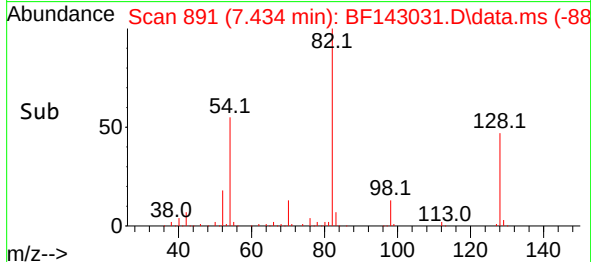
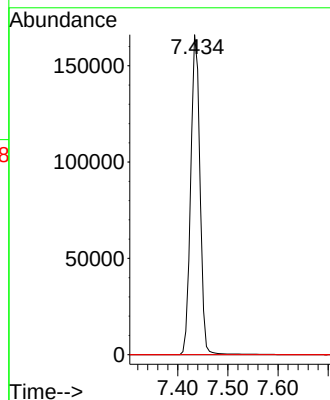
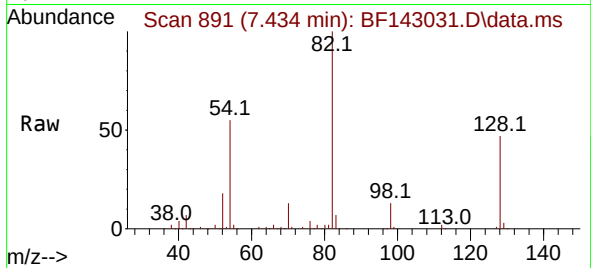




#25
Isophorone
Concen: 38.008 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.271 min
Lab File: BF143031.D
Acq: 08 Jul 2025 14:02

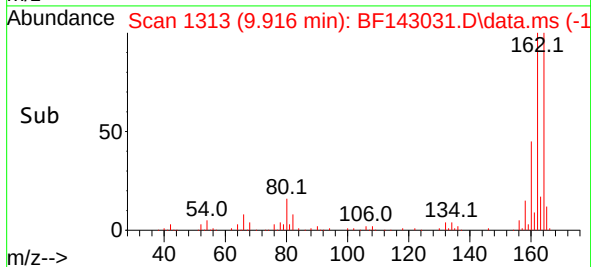
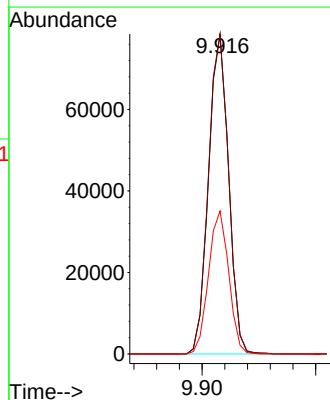
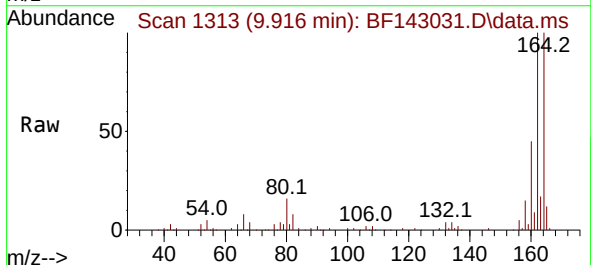
Instrument :
BNA_F
ClientSampleId :
TP-78

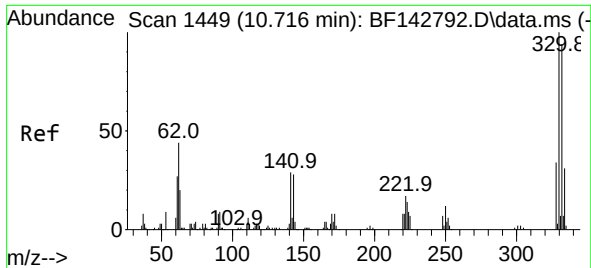
Tgt Ion: 82 Resp: 214246
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF143031.D
Acq: 08 Jul 2025 14:02

Tgt Ion:164 Resp: 95941
Ion Ratio Lower Upper
164 100
162 100.4 81.8 122.8
160 44.9 36.0 54.0

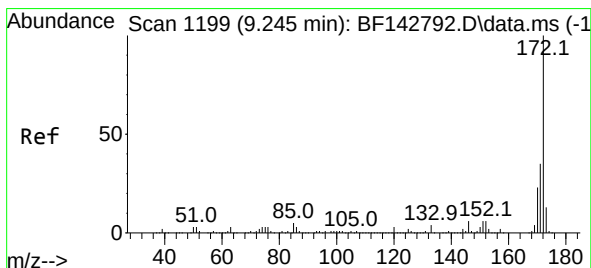
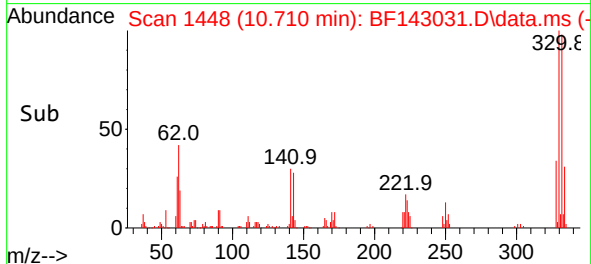
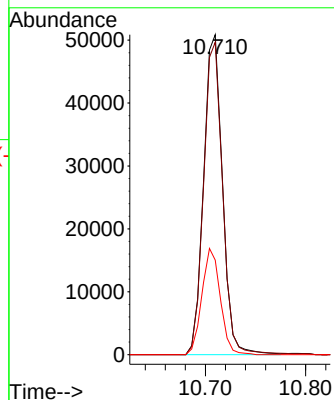
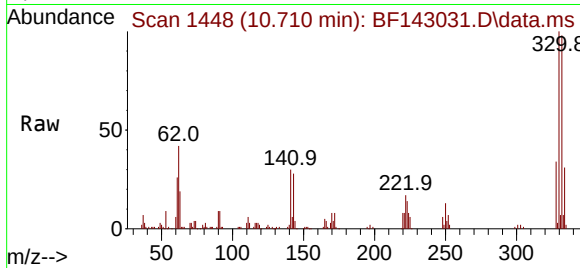




#42
2,4,6-Tribromophenol
Concen: 67.473 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143031.D
Acq: 08 Jul 2025 14:02

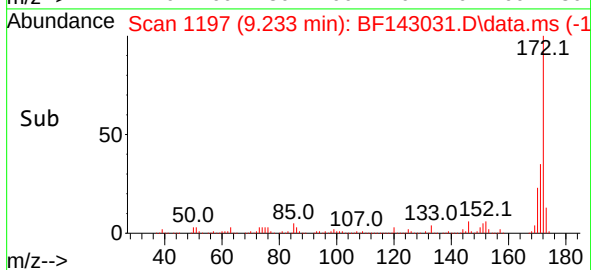
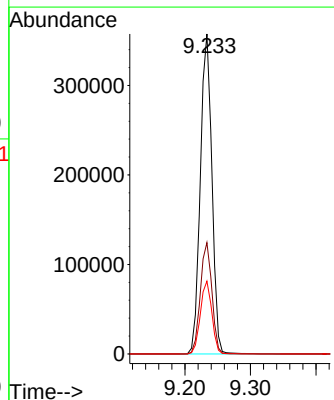
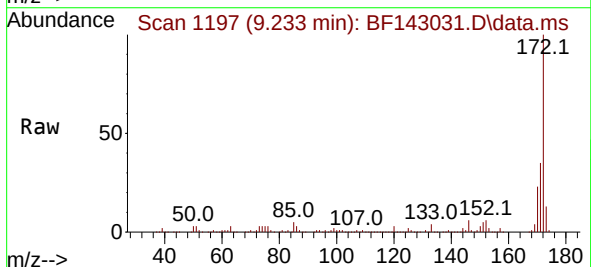
Instrument :
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ClientSampleId :
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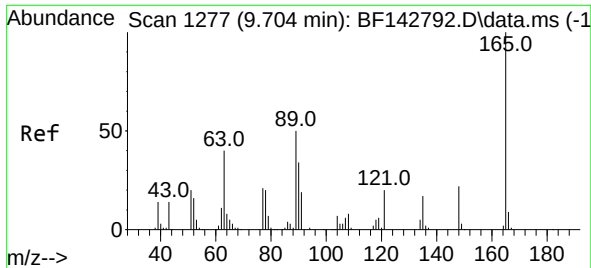
Tgt Ion: 330 Resp: 66616
Ion Ratio Lower Upper
330 100
332 98.3 75.0 112.6
141 32.3 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 60.199 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF143031.D
Acq: 08 Jul 2025 14:02

Tgt Ion: 172 Resp: 439650
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 22.7 18.5 27.7

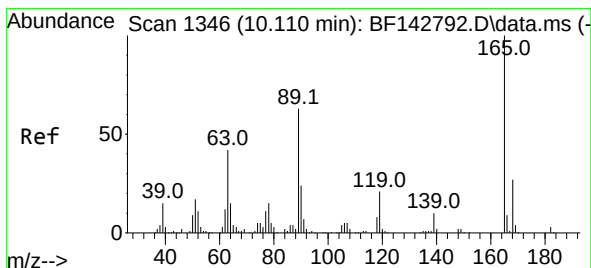
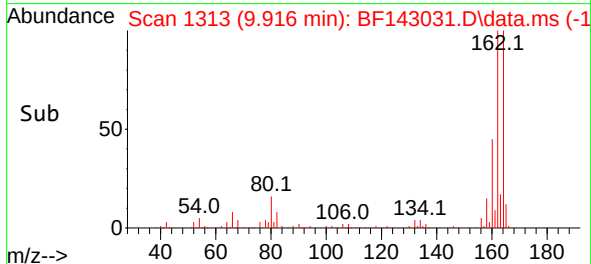
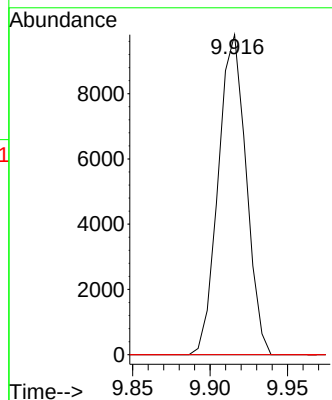
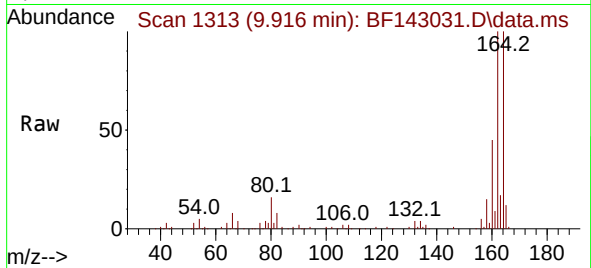




#51
2,6-Dinitrotoluene
Concen: 8.995 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF143031.D
Acq: 08 Jul 2025 14:02

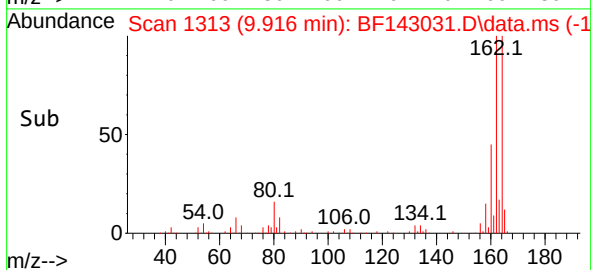
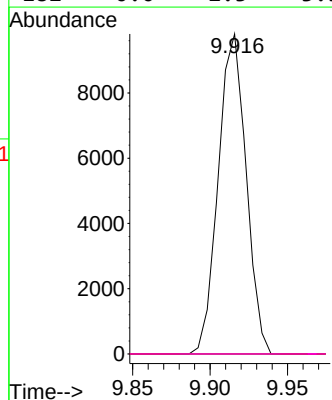
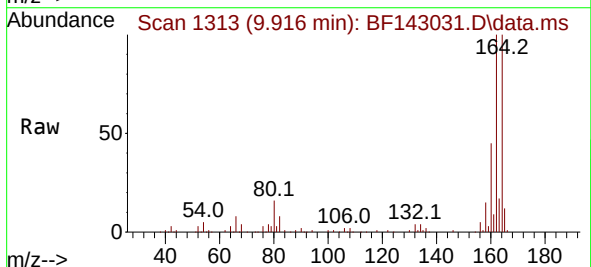
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ClientSampleId :
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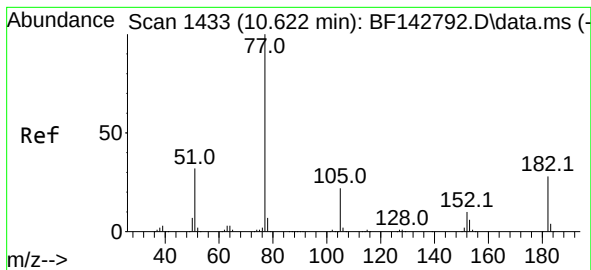
Tgt Ion:165 Resp: 12268
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.4#
89 0.0 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 6.772 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF143031.D
Acq: 08 Jul 2025 14:02

Tgt Ion:165 Resp: 12268
Ion Ratio Lower Upper
165 100
63 0.0 33.9 50.9#
89 0.0 50.6 75.8#
182 0.0 2.3 3.5#





#63

Azobenzene

Concen: 4.741 ng

RT: 10.628 min Scan# 1433

Delta R.T. 0.006 min

Lab File: BF143031.D

Acq: 08 Jul 2025 14:02

Instrument :

BNA_F

ClientSampleId :

TP-78

Tgt Ion: 77 Resp: 25803

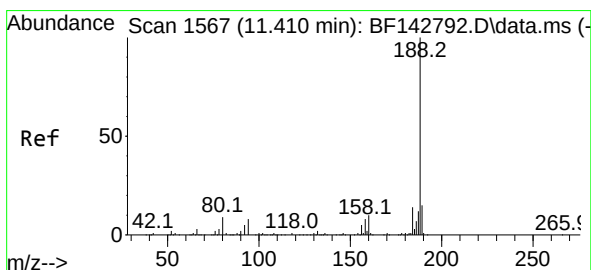
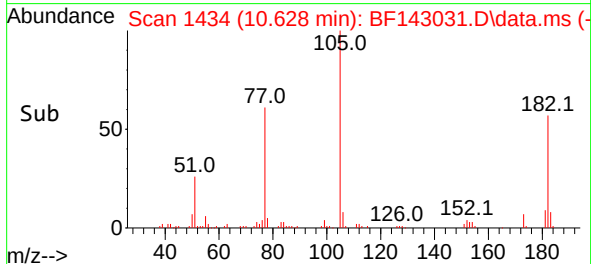
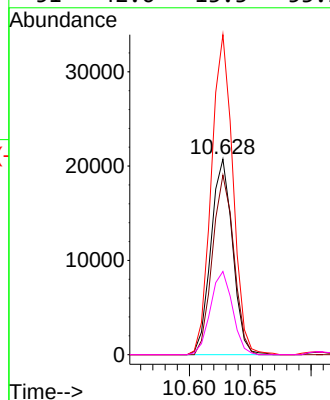
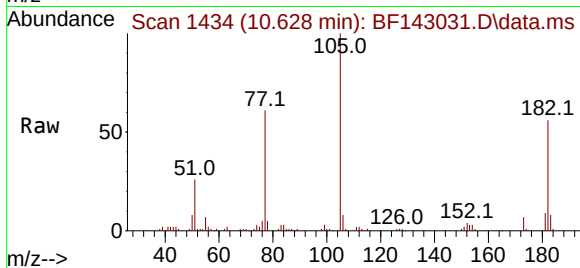
Ion Ratio Lower Upper

77 100

182 91.9 7.7 47.7#

105 163.7 1.9 41.9#

51 42.6 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF143031.D

Acq: 08 Jul 2025 14:02

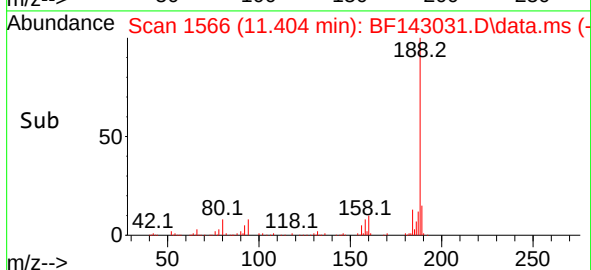
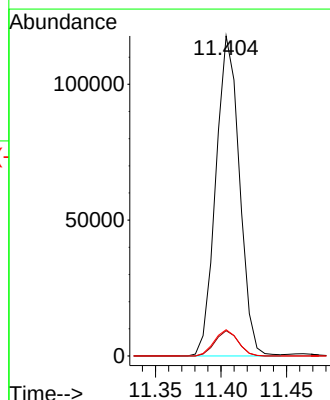
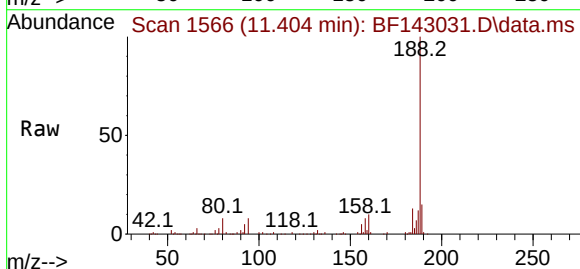
Tgt Ion: 188 Resp: 147510

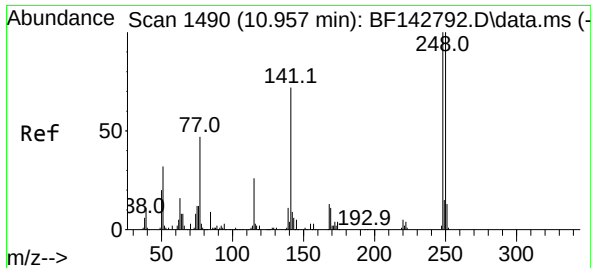
Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

80 8.2 6.9 10.3

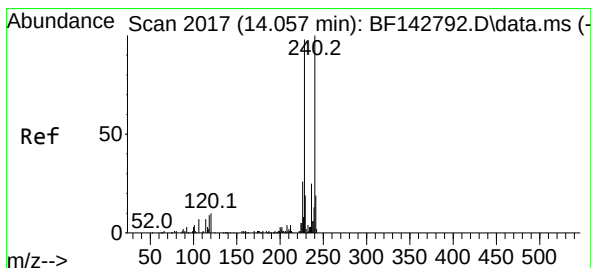
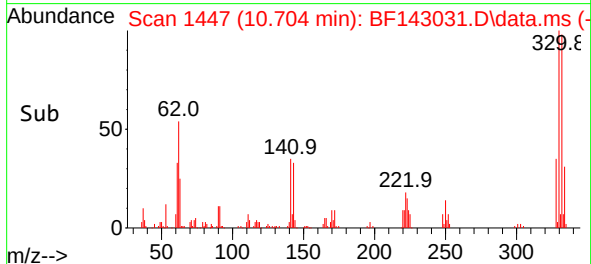
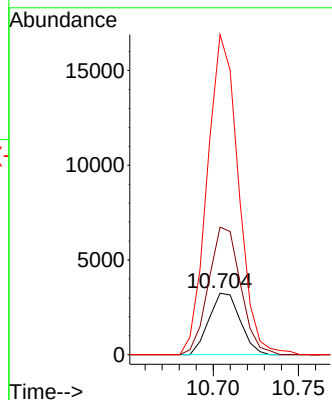
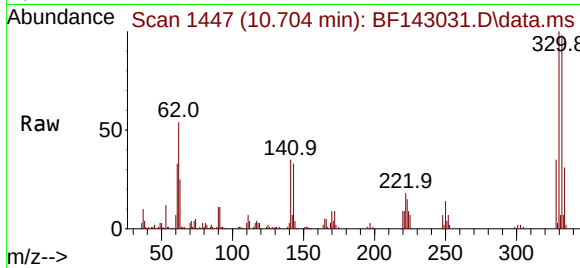




#67
4-Bromophenyl-phenylether
Concen: 2.460 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF143031.D
Acq: 08 Jul 2025 14:02

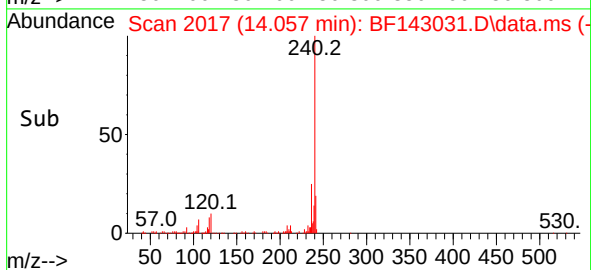
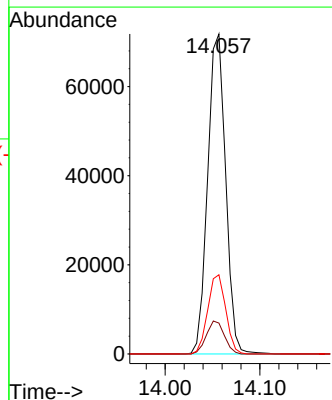
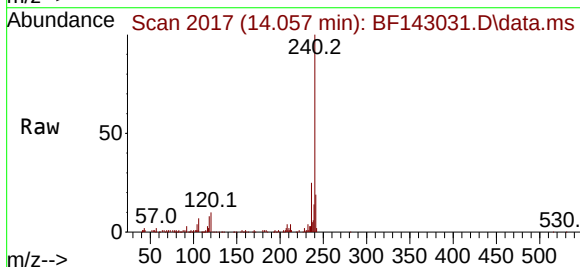
Instrument :
BNA_F
ClientSampleId :
TP-78

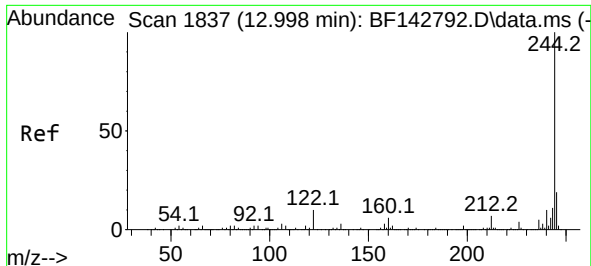
Tgt Ion:248 Resp: 4130
Ion Ratio Lower Upper
248 100
250 207.4 79.8 119.8#
141 520.7 57.8 86.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143031.D
Acq: 08 Jul 2025 14:02

Tgt Ion:240 Resp: 94443
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 24.8 19.8 29.8

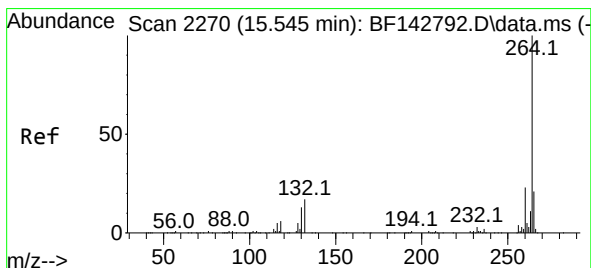
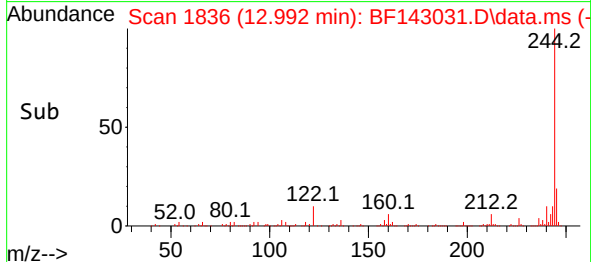
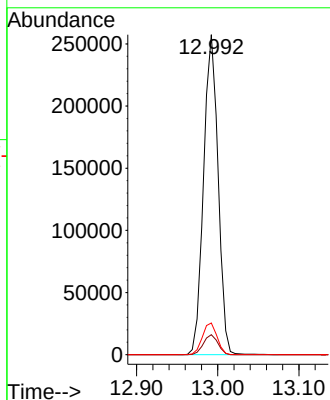
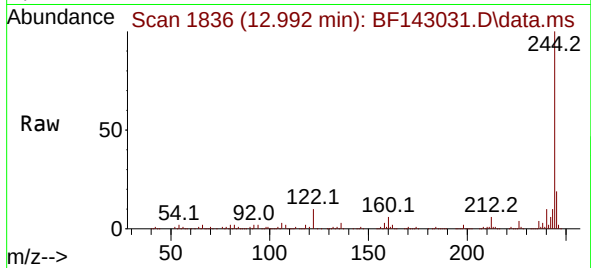




#79
 Terphenyl-d14
 Concen: 46.660 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143031.D
 Acq: 08 Jul 2025 14:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-78

Tgt Ion:244 Resp: 318932
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.9 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF143031.D
 Acq: 08 Jul 2025 14:02

Tgt Ion:264 Resp: 118368
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.1 27.1
 265 20.9 16.6 25.0

